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Bib Data Sheet

CONFIRMATION NO. 4595

SERIAL NUMBE 10/664,556	FILING OR 371(c) DATE 09/19/2003 RULE	CLASS 345	GROUP ART 2628	T UNIT	ATTORNEY DOCKET NO. 5577-280					
APPLICANTS Robert Leah, Cary, NC; Kenneth Parzygnat, Raleigh, NC; Robert Uthe, Raleigh, NC; ** CONTINUING DATA **********************************										
Foreign Priority claimed										
58505 TITLE	SITIONING OF ITEMS IN	A TREE MAP VISUALI	ZATION							
RECEIVED N	RECEIVED No to charge/credit DEPOSIT ACCOUNT					All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) Other Credit				

Approved for use through 1/31/2007. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875							pplication or	Docket Number 7,5 66	Filing Date 07/17/2000		To be Mailed		
APPLICATION AS FILED - PART I (Column 1) (Column 2)							SMALL	ENTITY 🛛	OR		HER THAN		
FOR NUMBER FILED				MBER EXTRA		RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)			
	BASIC FEE (37 CFR 1.16(a), (b),	or (c))	N/A		N/A		N/A		1	N/A			
	SEARCH FEE (37 CFR 1.16(k), (i), (i)		N/A		N/A		N/A		1	N/A			
	EXAMINATION FE (37 CFR 1.16(o), (p),	E.	N/A		N/A		N/A		1	N/A			
	TAL CLAIMS CFR 1.16(i))		mir	us 20 = *			x \$ =		OR	x \$ =			
IND	EPENDENT CLAIM CFR 1.16(h))	s	minus 3 = *				x \$ =	,		x \$ =			
	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).										·		
	MULTIPLE DEPEN	IDENT CLAIM PR	ESENT (3	7 CFR 1.16(j))				*					
* If	the difference in colu						TOTAL		•	TOTAL			
APPLICATION AS AMENDED – PART II (Column 1) (Column 2) (Column 3)								OTHER THAN ' SMALL ENTITY OR SMALL ENTITY					
۲	11/30/2006	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)		
AMENDMENT	Total (37 CFR 1.16(i))	· 19	Minus	·· 24 25	= 0		X \$25 =	0	OR	x \$ =			
뷞	Independent (37 CFR 1.16(h))	• 3	Minus	*** 3	= 0		X \$100 =	0	OR	x \$ =			
AM.	Application Size Fee (37 CFR 1.16(s))												
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								OR				
								0	OR	TOTAL ADD'L FEE			
		(Column 1)		(Column 2)	(Column 3)								
	5/8/07	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)		
Z	Total (37 CFR 1.16(i))	. 19	Minus	" 25			x \$ =		OR	x \$ =			
AMENDMENT	Independent (37 CFR 1.16(h))	. 3	Minus	··· 3			X.\$ =		OR	x \$ =			
EN	Application Size Fee (37 CFR 1.16(s))												
AN	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(j))								OR				
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE			
 If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. 													

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Substitute for Form PTO-875 617566 CLAIMS AS FILED - PART I OTHER THAN SMALL ENTITY OR. (Column 1) (Column 2) SMALL ENTITY FOR NUMBER FILED NUMBER EXTRA RATE FEE RATE FEE BASIC FEE (37 OFR 1.16(a)) OR TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = OR INDEPENDENT CLAIMS (37 CFR 1.16(b)) minus 3 = X \$ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) + \$ OR +\$ " If the difference in column 1 is less than zero, enter "0" in column 2. TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN OR (Column 1) (Column 2) (Column 3) SMALL ENTITY SMALL ENTITY CLAIMS HIGHEST REMAINING PRESENT NUMBER RATE ADDI-ADDI-TIONAL RATE ENDMENT AFTER AMENDMENT **EXTRA** PREVIOUSLY TIONAL FEE PAID FOR FEE Minus 19 X \$ OR Independent (37 CFR 1.16(b)) Minus 3 X \$ = OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR + \$ TOTAL TOTAL ADD'L FEE OR ADD'L FEE (Column 1) (Column 3) (Column 2) CLAIMS HIGHEST REMAINING PRESENT NUMBER RATE ADDI-RATE ADDI-126/05 ENDMENT PREVIOUSLY AFTER **EXTRA** TIONAL TIONAL AMENDMENT PAID FOR FEE FEE Total (37 CFR 1.16(c)) Minus ڪلا X S OR Independent (37 CFR 1.16(b)) Minus x s OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL ADD'L FEE OR ADD'L FEE (Column 1) (Column 2) (Column 3) HIGHEST CLAIMS REMAINING PRESENT NUMBER RATE ADDI-RATE ADDI-AMENDMENT 16/06 AFTER PREVIOUSLY **EXTRA** TIONAL TIONAL AMENDMENT PAID FOR **FEE** FEE Total Minus 25 (ST CFR 1.16(c)) X \$ OR Independent (37 CFR 1,16(b)) Rinus X \$ OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL ADD'L FEE OR ADD'L FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". "" If the "Highest Number Previously Pald For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999 69/61756												
CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY OTHER THAN TYPE OR SMALL ENTITY					
FOR NUMBER FILED NUMBER EXTRA						RAT	Έ	FEE		RATE	FEE	
BASIC FEE								345.00	OR		690.00	
TOTAL CLAIMS 2U minus 20= U						X\$ 9)=	Z	OR	X\$18=		
INDEPENDENT CLAIMS 2 minus 3 = *						X39	_	,	OR	X78=		
MU	LTIPLE DEPEN		+130	Ţ			+260=					
۱۱ -	the difference	olumn 2	TOT		21.	OR OR	TOTAL					
		•	101	ַר ר	50-1-	On	OTHER	THAN				
10	21/00	LAIMS AS A (Column 1)	MENDED	(Column 2)	(Column 3)	SMA	LL E	NTITY	OR	SMALL E		
A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	Έ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
AMENDMENT	Total	· 25	Minus	24	=]	X\$ 9	9=	9	OR	X\$18=		
ME	Independent	. 2	Minus	··· 3	=	X39)=		OR	X78=		
	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	PENDENT CLAIM		+13)=		OR	+260=		
							TAL	0 0		TOTAL		
12	15/02	(Column 1)		(Column 3)	ADDIT.	FEE L			ADDIT. FEE			
8		CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
MO	Total	. 24	Minus	25	=	X\$:	9=	(OR	X\$18=		
AMENDMENT	Independent	· 2	Minus	 3	=	X39) <u> </u>		OR	X78=		
F	FIRST PRESE	NTATION OF M	ULTIPLE DEI	PENDENT CLAIM	1	+13	<u></u>		OR	+260=		
						TO	OTAL			TOTAL		
	15/03 d	1/23/04		(Column 2)	(Column 3)	ADDIT.	FEE I		10	ADDIT. FEE		
ပ	73 103	CLAIMS REMAINING AFTER AMENDMENT	4. 1. 1. 1.	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RA	ΓE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
AMENDMENT	Total	. 19	Minus	25	=	X\$	9=	_	OR	X\$18=		
ME	independent	• 3	Minus	··· 3	=	X3:	9=		OR	X78=		
F	FIRST PRESE	<u> </u>	+13	0-		OR	+260=					

"If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

TOTAL ADDIT. FEE